- using TFW to get triggersL1 accept / L3 reject
- n VRBC generates an interrupt
- n Data is read from the VRB directly
- n Histograms of data for different calibration voltages
- n Pedestal and gains are calculated
- Result is stored in the database

- n Pedestal and Gain per strip
- n Pedestal Run
 - No calibration voltage applied
 - Simple average of all events
- Calibration Run
 - n 2 different polarities
 - 5 predefined voltages per polarity
 - n Gain (+error) is calculated

- n Result is transferred to online database
 - n Schema onl_smtcalib
 - n Tables pedestals and gains
 - n Columns: channel_id, run_number, gain, gain_error, error_flag

n Feedback loop:

- New threshold is calculated on a SVX chip by chip basis
- Pedestals of the latest run in database
- n Average pedestal p of strips is calculated
- Average error s of strips is calculated
- n New threshold = p + 3 * s
- The result is stored in the electronics database and used for the next download